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Nov 22, 1980

PUB-NO: JP355150370A

DOCUMENT-IDENTIFIER: JP 55150370 A

TITLE: RECORDING METHOD BY INK JET

PUBN-DATE: November 22, 1980

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APPL-NO: JP54058789

APPL-DATE: May 14, 1979

INT.-CL (IPC): B41J 3/04; G01D 15/18

ABSTRACT:

PURPOSE: To perform the polychrome ink jet recording of high density and color reproducibility, by effecting an ink jet recording on a synthetic pulp paper and then treating the paper with heat to melt its synthetic pulp.

CONSTITUTION: 70 Parts of wood pulp NBSP is beaten into a freeness of about 500cc and then mixed with 30 parts of high-pressure polyethylene synthetic pulp to prepare a paper material. Polyamide-polyamine-epichlorohydrin resin is added to the paper material. Recording paper 1 is made from the mixture by a Fourdrinier paper machine. The recording paper has 100 parts of NBSP treated in the same manner. Cyan ink, magenta ink, yellow ink and blank ink are sequentially ejected onto the recording paper to perform polychrome recording. The density of the recording is low if no treatment is performed. For this reason, heat treatment is effected after the recording to heighten the recording density and water-resisting property.

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